



US Army Corps
of Engineers

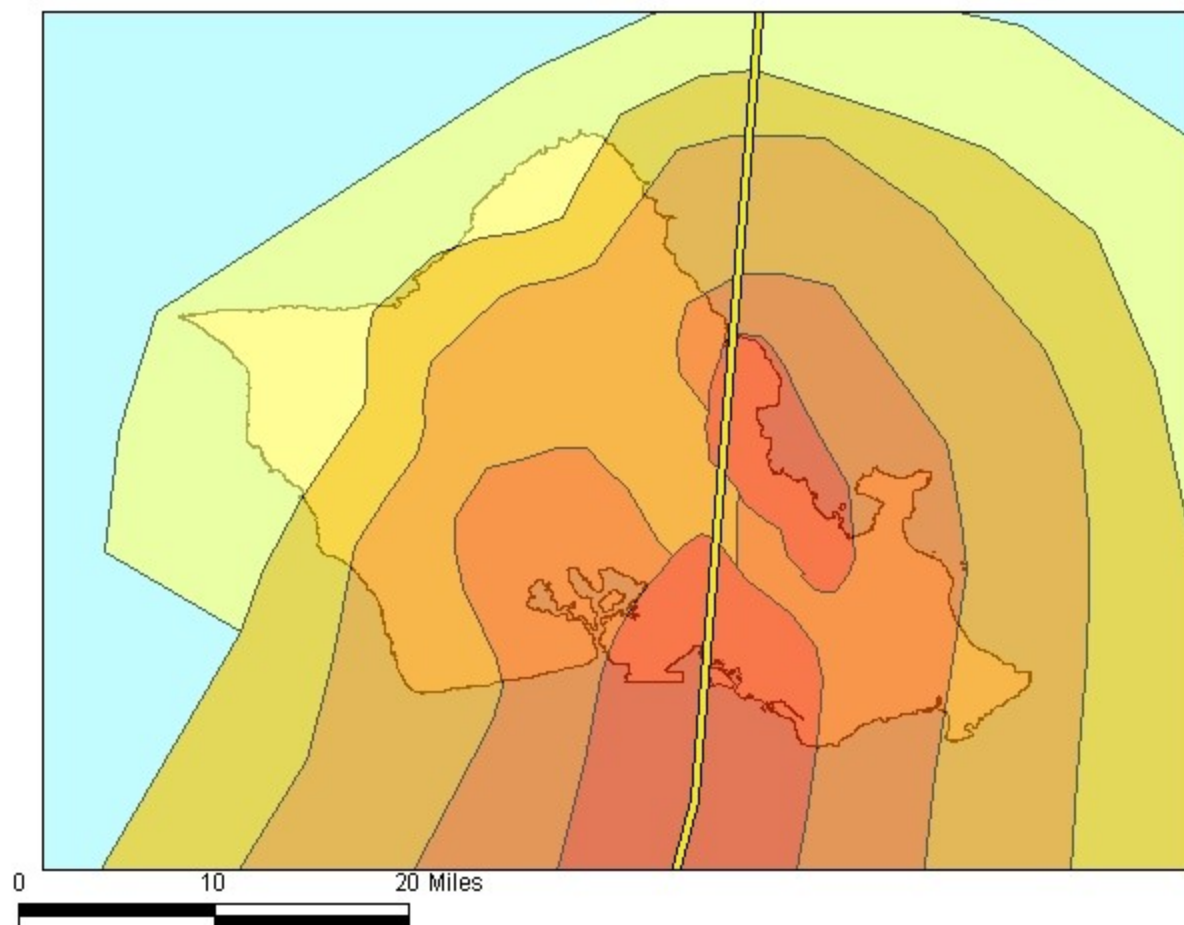
Hurricane Makani Pahili Projected Damage Areas

Landfall Plus About 4 Hours

**For Official
Use Only!**

***Post Landfall Projected
Damage Areas***

This model is based on a
Category 4 storm making landfall
near Honolulu.



Historic Track

Projected Damage Areas

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a Category 4 storm making landfall near Honolulu. These projections are based on information from the CPHC (0900 HST 05/08/2007) forecast.

Details about this model may be obtained at <https://englink.usace.army.mil>
or contact ENGLink at 1-877-936-4546

Hurricane Makani pahili Projected Damage Areas

Generated By:

Siemsen, LRL 1530 EDT 05/08/2007

Sources:

HURREVAC
LRL-DEBRIS

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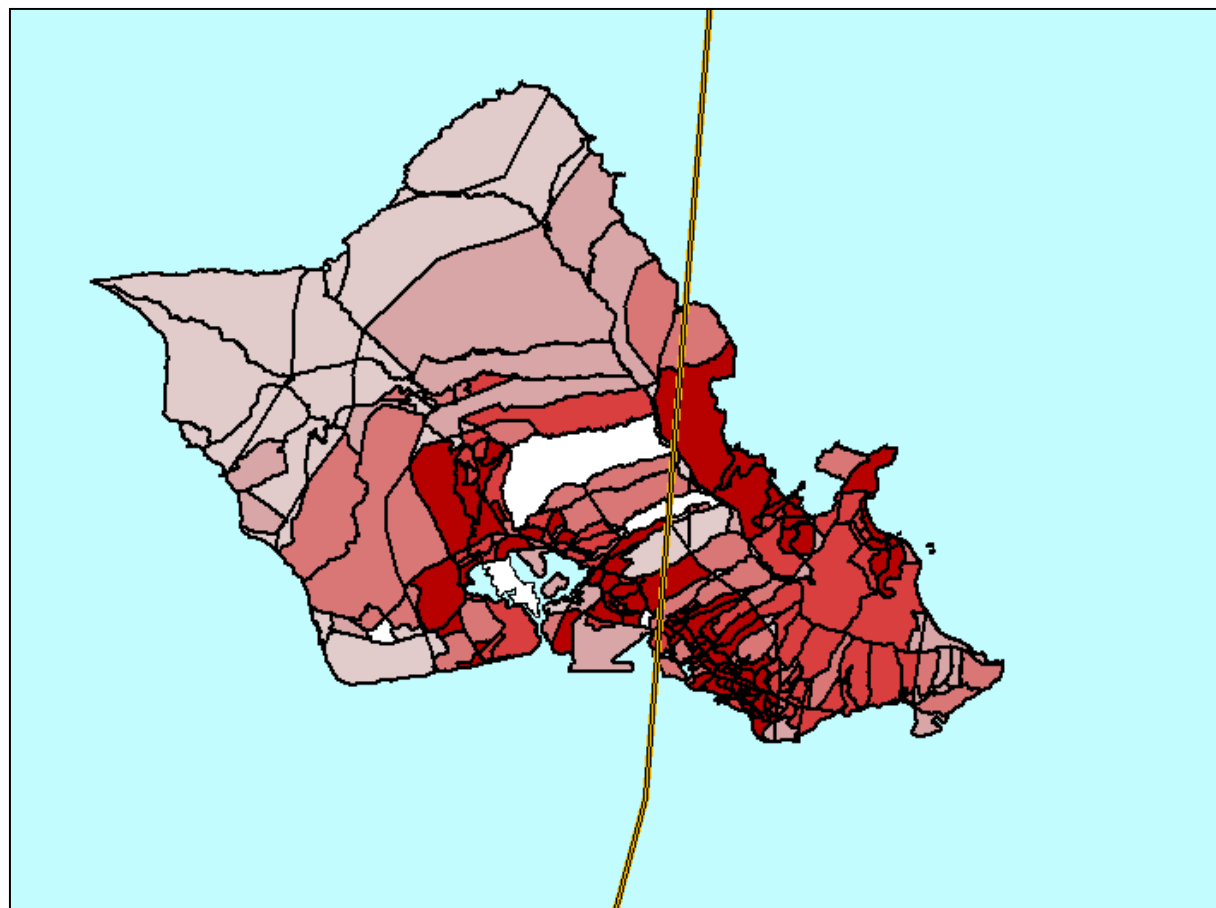


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Hurricane Makani Pahili Debris Model

Landfall Plus About 4 Hours

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0 10 20 Miles

Post Landfall Debris Model Results

Oahu - 25,204,000 Yards

*Model results per county on
following page*

This model is based on a
Category 4 storm making landfall
near Honolulu.

 Historic Track

Debris

-  < 10,000 cubic yards
-  10,000 - 24,999 cubic yards
-  25,000 - 49,999 cubic yards
-  50,000 - 99,999 cubic yards
-  >100,000 cubic yards

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Hurricane Makani pahili Debris Model

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Hurricane Makani Pahili Population Model

Landfall Plus About 4 Hours

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Post Landfall Population Model Results

Oahu - 892,000

*Model results per county on
following page*

This model is based on a
Category 4 storm making landfall
near Honolulu.



 Historic Track

Population

-  < 2,500 persons
-  2,500 - 4,999 persons
-  5,000 - 14,999 persons
-  15,000 - 24,999 persons
-  > 25,000 persons

Information provided on this page displays a Category 4 storm making landfall near Honolulu. These projections are based on information from the CPHC (0900 HST 05/08/2007) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2005 values).

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Hurricane Makani pahili Population Model

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Hurricane Makani Pahili Households Model

Landfall Plus About 4 Hours

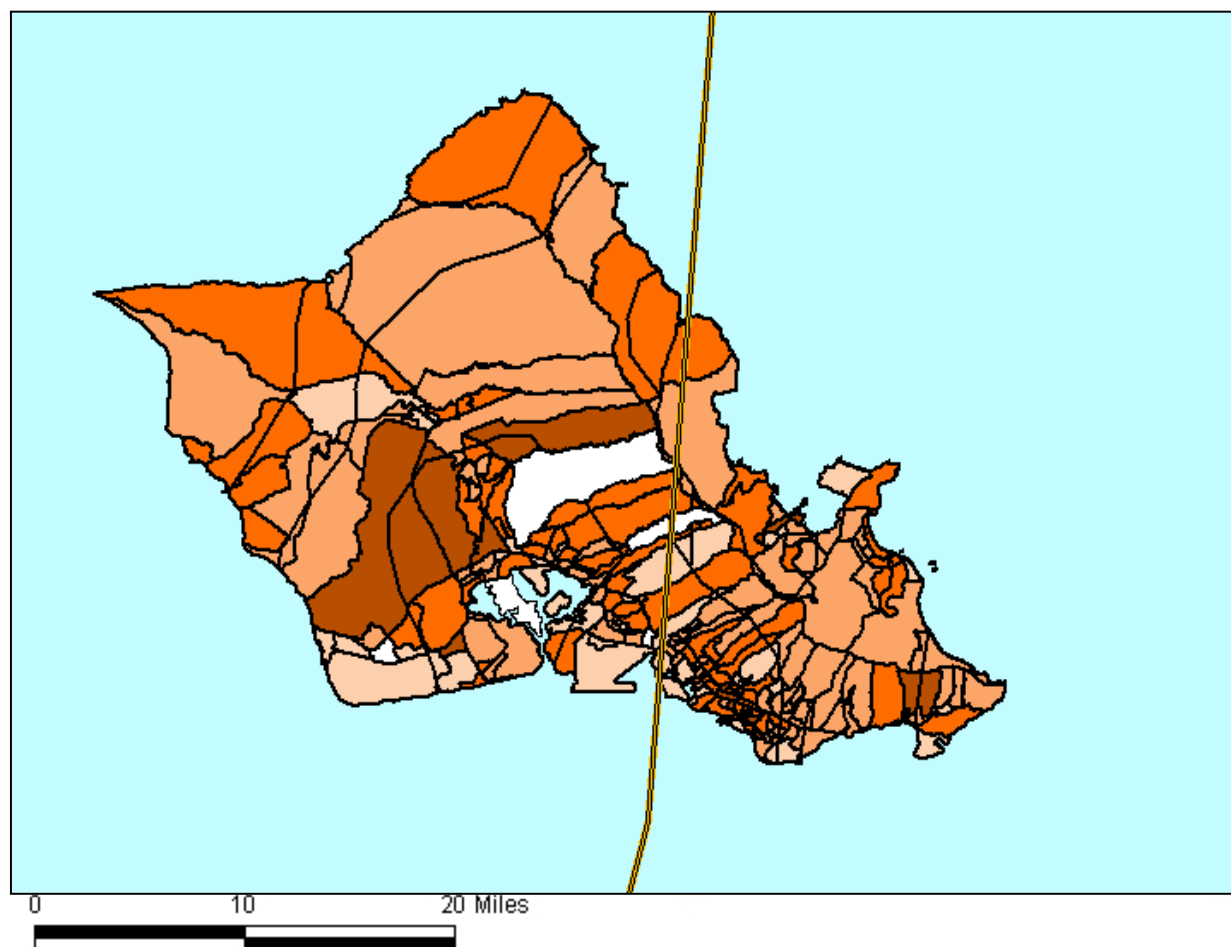
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Post Landfall Households Model Results

Oahu - 293,000

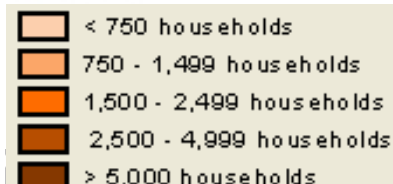
*Model results per county on
following page*

This model is based on a
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near Honolulu.



Historic Track

Households



Information provided on this page displays a Category 4 storm making landfall near Honolulu. These projections are based on information from the CPHC (0900 HST 05/08/2007) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2005 values).

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Hurricane Makani pahili Households Model

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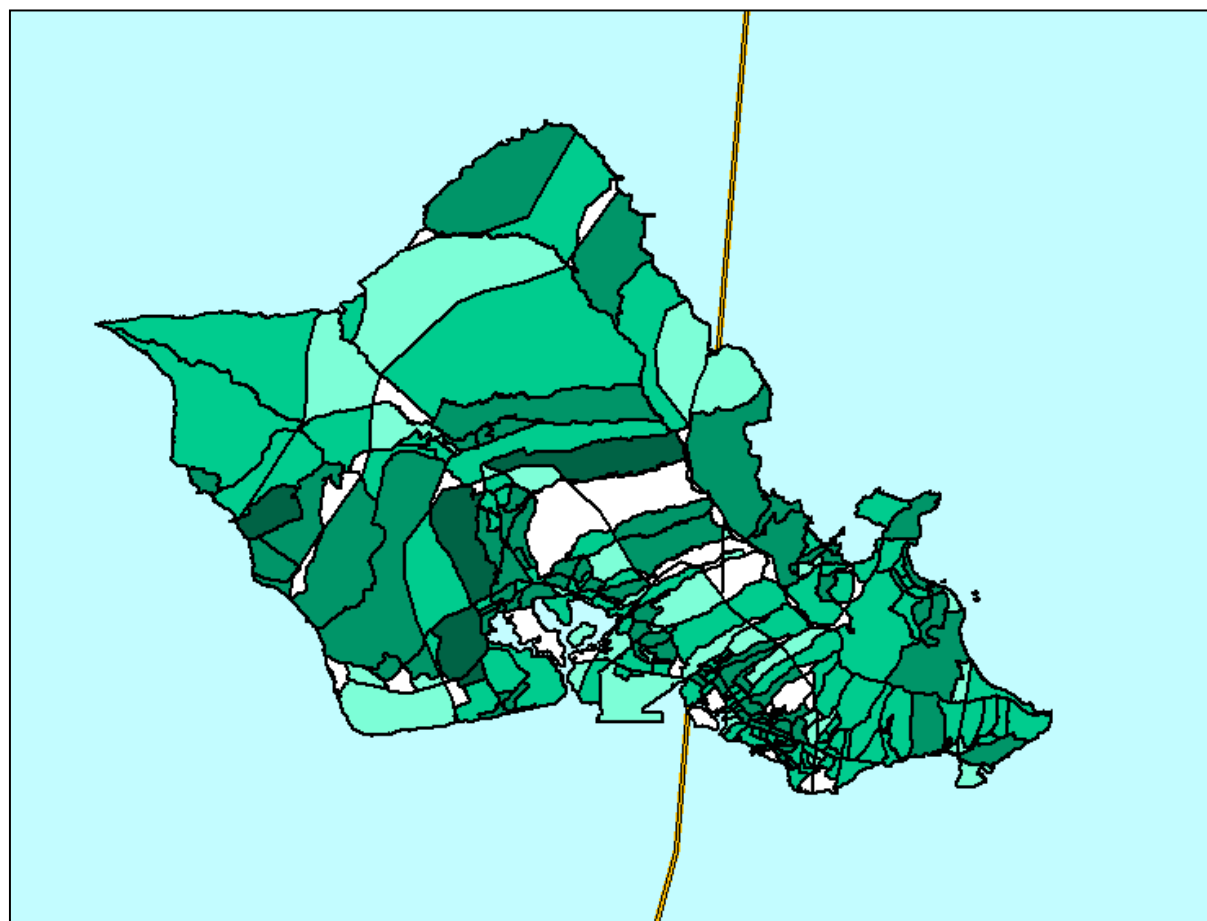


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Hurricane Makani Pahili Commodities Model

Landfall Plus About **4** Hours

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0 10 20 Miles



*Post Landfall Ice/Water
Model Results*

Day One / Day Two / Day Three
Oahu - 27/54/107 Truckloads

*Model results per county on
following page*

This model is based on a
Category 4 storm making landfall
near Honolulu.

Historic Track

Commodities

- 1 Truck Each per 5 Days
- 1 Truck Each per 3 Days
- 1 Truck Each per 2 Days
- 1 Truck Each per Day
- > 2 Trucks or more Each per Day

Information provided on this page displays a Category 4 storm making landfall near Honolulu. These projections are based on information from the CPHC (0900 HST 05/08/2007) forecast. The amount of commodities forecasted is based on Mission Guide Book requirements (8 pounds of ice per person per day) and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at <https://enlink.usace.army.mil>

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Hurricane Makani pahili Commodities Model

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Sources:

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Hurricane Makani Pahili Temporary Housing Model

Landfall Plus About 4 Hours

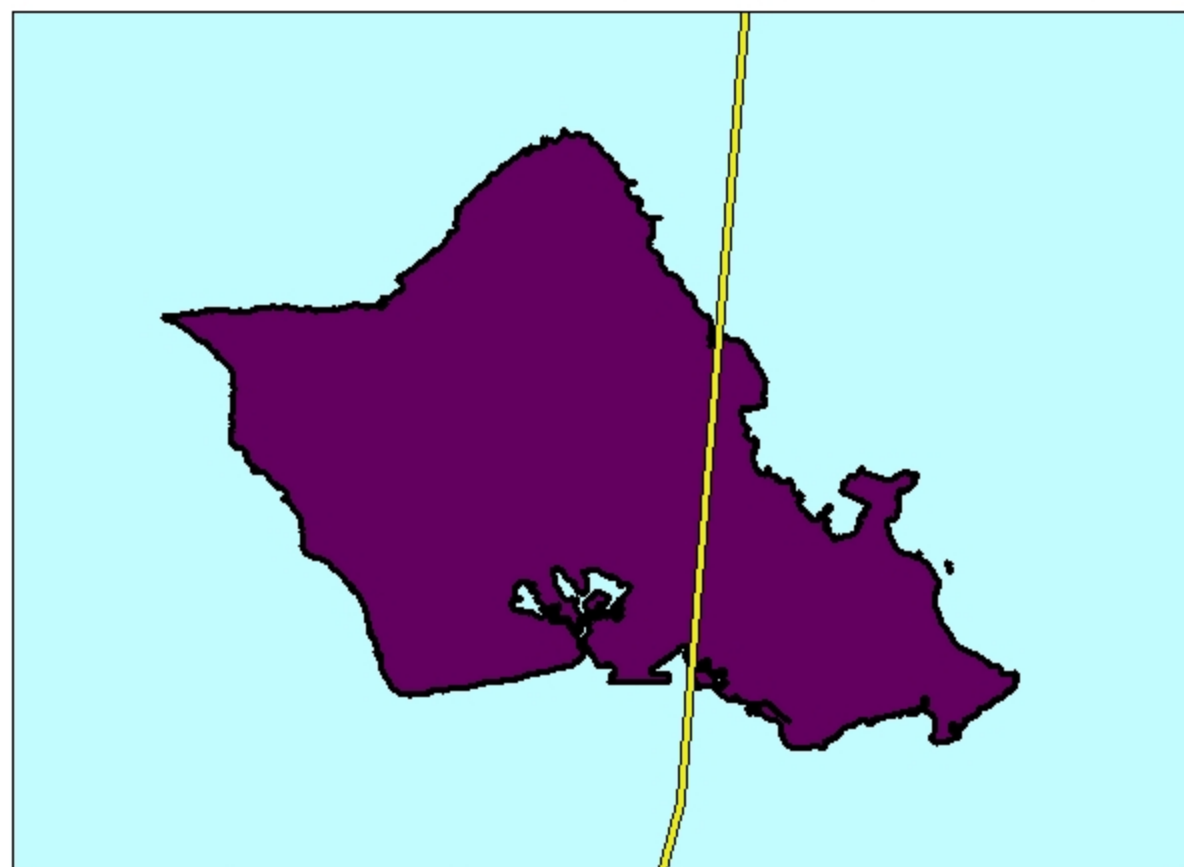
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Post Landfall Temporary Housing Model Results

Oahu - 32,600

*Model results per county on
following page*

This model is based on a
Category 4 storm making landfall
near Honolulu.



0 10 20 Miles

 Historic Track

Temporary Housing

-  < 2,000 units
-  2,000 - 3,999 units
-  4,000 - 5,999 units
-  6,000 - 9,999 units
-  > 10,000 units

Information provided on this page displays a Category 4 storm making landfall near Honolulu. These projections are based on information from the CPHC (0900 HST 05/08/2007) forecast. Temporary housing is based on 2% in CAT 1, 6% in CAT 2, 9% in CAT 3 and 15% in CAT 4.

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Hurricane Makani pahili Housing Model

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Sources:

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Hurricane Makani Pahili Temporary Roofing Model

Landfall Plus About 4 Hours

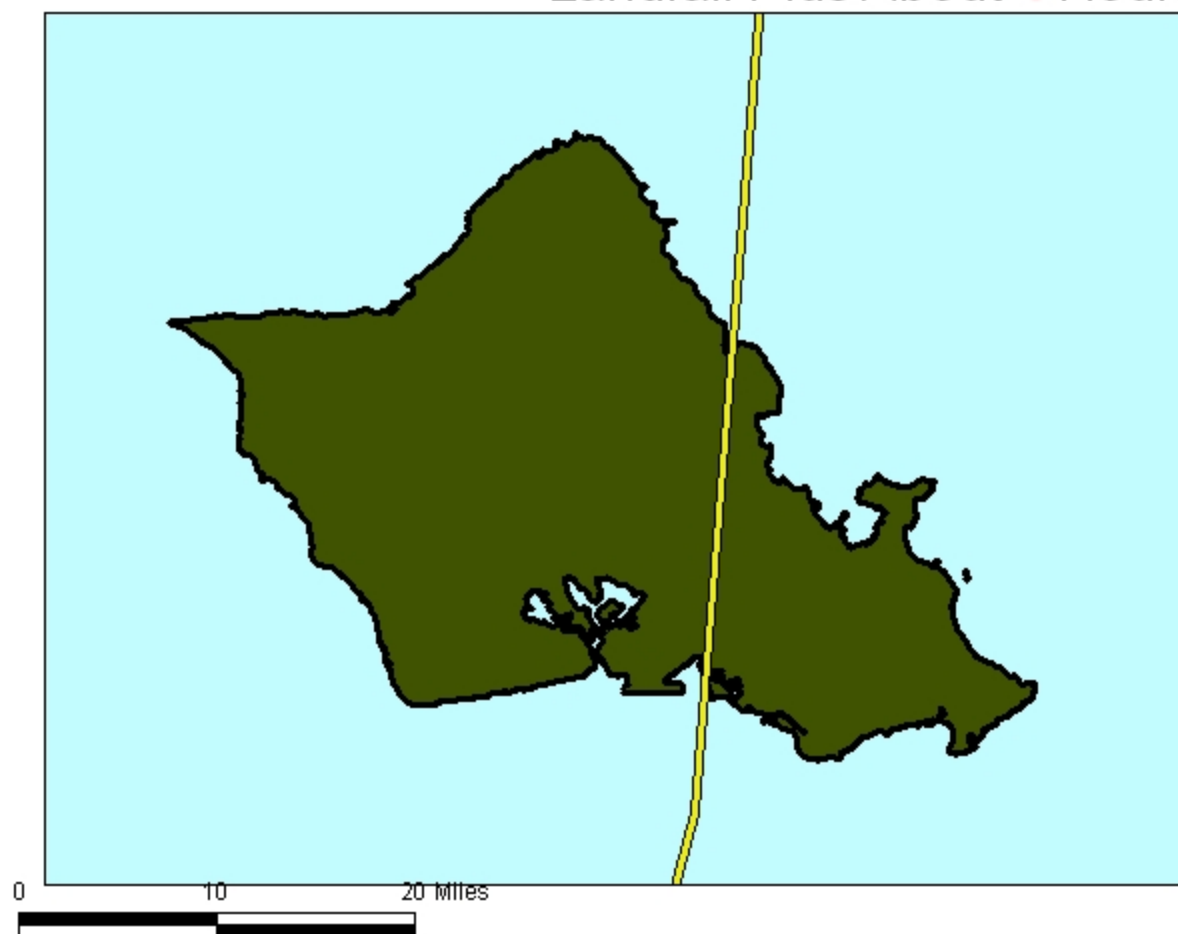
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Post Landfall Temporary Roofing Model Results

Oahu - 53,900

*Model results per county on
following page*

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Category 4 storm making landfall
near Honolulu.



 Historic Track

Temporary Roofing

-  < 2,000 units
-  2,000 - 3,999 units
-  4,000 - 5,999 units
-  6,000 - 9,999 units
-  > 10,000 units

Information provided on this page displays a Category 4 storm making landfall near Honolulu. These projections are based on information from the CPHC (0900 EDT 05/08/2007) forecast. Temporary roofing is based on 3% in CAT 1, 9% in CAT 2, 15% in CAT 3 and 25% in CAT 4.

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Hurricane Makani pahili Roofing Model

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